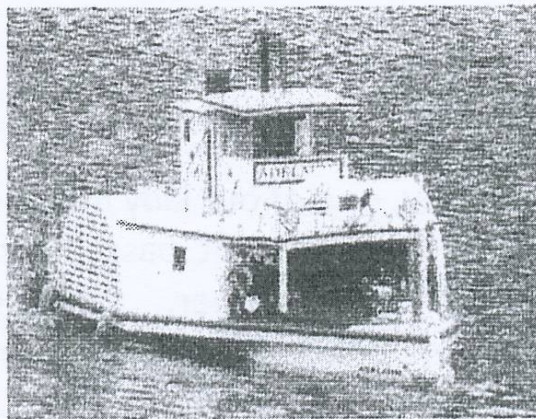
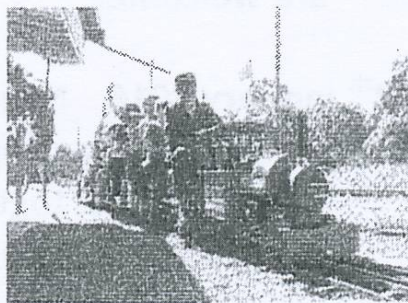


RETURN THIS BOOK PROMPTLY TO LIBRARY



**The official Journal of
The South Australia Society of
Model & Experimental Engineers Inc.**



DECEMBER 2015

ISSN / 0155 / 3700

(This bulletin is issued for information only)

COMING ACTIVITIES

Members please keep in mind the following club activities in the coming months:

Public Field Days: 1st Sunday and the 3rd Saturday of each month except December when we have our Christmas party on the 3rd Saturday of December.

Club Christmas Party: Held at SASMEE PARK on Saturday the 19th of December starting at about 2pm and going on till late. Free evening meal with tea, coffee, soft drinks. Bring your models and have a play day. Immediate family are welcome.

General Meeting 12th January 2016. No meeting is held and we have a play night. This is a chance to get together after the Christmas break and have some fun to start the year.

VALE.

Cookie, Shirley Mundy, one of our lady members often seen in the canteen working for benefit, passed away after an accident at home during November. Thank you for all your help Cookie, and see, I finally spelt your name right.

VALE.

Long time SASMEE member and Club boiler attendant, Bob Scanlan, passed away on the 6th of November.

John Foster, Vice President.

SASMEE HAPPENINGS

Public Field Day Sunday 3rd October 2015

Although threatened with a 33 degree day the temperature barely exceeded 29 so that a with a small crowd of just over 200 all attending had a very pleasant and relaxing afternoon. Thirty six members attended with 13 boats, eight Locos and one G Gauge train.

Five of our members also attended the Port Augusta run day. These were Graeme and Josh Driscoll, Allan Wallace, Trevor Hill and Bryan Homan. They reported a pleasant weekend with fairly small crowd numbers. Members attending SASMEE Park numbered 38.

Canteen

Serving our customers in the canteen where, Jackie Monteodorisio, Shirley Mundy, and Tony Offler. Thank you ladies.

Steam House

Steam was generated by Ralph Ollerenshaw, John Weidenhofer, Bernie Dickenson and Austin Stranger.

5' Station

Station Attendants were John Culshaw, Ainslie Cuthbertson.

71/4" Station

Station Attendants was Bruce Smith

Ticket Box

Collectors of the fees were Josh Driscoll and Andrew Christopherson.

Public Field Day 17th October 2015

A very pleasant sunny afternoon with six birthday parties and 460 people in attendance along with 35 members. There were ten locos and 13 boats. Despite our continuing reticulated water problems on the 5" station the steamers there persevered with watering cans and kept up regular operations while the diesel outline/electric locos went on without hassle.

More on the great water mystery later when we find an answer. The great search for a replacement for our beloved char goes on. Various coals have been tried after the Bacchus Marsh char proved troublesome, Graeme Driscoll winning the prize for the most clinker produced. 200 kilos of welsh anthracite has now been ordered and hopefully this will prove useful albeit a greater cost.

The pool has suffered a weed infestation which has started to break up and is clogging the water intakes of boats and fouling propellers. After the run day finished the President and Vice –President spread copious quantities of granular pool chlorine in the pool which has killed much of the weed. The next job is to rake out the dead weed and find a permanent solution.

Providing entertainment for the public we had 3 locos on the 71/4 " track, 6 on the 5" and 9 water craft.

Public Field Day Sunday 1st November 2015-11-05

Again a very pleasant spring day with over 400 in attendance along with 38 club members. We had had

five 71/4" locos which meant the club 351 had a rest this day and five 5" locos including the club diesel outline "Apprentice". The pond was busy with 14 boats and the O/G gauge setup also had five including Fred Gould's new SAR 350 on its first outing. Another new arrival was John Newman (prospective member) with his trailer-sailer TC16.

Our paying visitors all appeared happy with many comments on the very pleasant park like settings. We had 6 birthday parties: one catering for 60 guests.

While the water saga continues to be investigated the 5" station had reticulated water connected via a temporary line bypassing the suspected leak in the original piping. This has overcome the mystery of the disappearing water but the actual leak is still a puzzle, fortunately, recent rain has topped up the tank.

Many thanks to those members who worked to make the day a success.

Public Field Day Saturday 22nd November 2015

Right from the start up to 4pm we had customers arriving. November must be a good month for babies, seven parties with up to 40 guest in one with the others in the teens and twenties. In all about 500 paying guest and at least 125 tots under 3. Everyone seemed to enjoy themselves, with only one or two without the proper footwear.

Forty members attended with 10 locos, 4 G gauge and nine boats, so that there was plenty to do and see. The

members were also presented with the remains of a very large and delicious looking birthday cake. That disappeared very smartly.

Canteen: Jackie Monteodorisio, Jill Smith, Nicki Mere. Thank you ladies.

Ticket Box: Greg Weaver, John Beal and John Foster.

Steam House: Ralph Ollerenshaw, Bernie Dickenson and Austin Stranger.

5" Station: John Culshaw, Len Redway and Ainslie Cuthbertson.

71/4" Station: Bruce Smith and Milton Smith.

Club Lunch 22nd November 2015

47 members attended the Club lunch along with family and friends. Held at the Buckingham Arms Hotel. A magnificent smorgasbord offering every Christmas fare and other foods that anyone could want.

It seemed that all who attended enjoyed the meal, the festive atmosphere and generally had a good time.

The Pond

The pond is closed for cleaning until January.

It is currently being drained and will be cleaned by Veolia Vacuuming out the mud for disposal on December the 16th. **On the day we need about 16 members to squeegee out the mud to the suction pipe. If members could bring gumboots, wellies or waders the job would be much more comfortable. This is an important function to minimize our costs.**

Changes to Treasury Arrangements.

For personal reasons Ralph has had to stand down from the treasurer`s job. Claims for expenditure will now be handled by Ian Foster with Mary Homann maintaining our accounting. Claims will only be paid by cheque and MUST be submitted on the Club expense form.

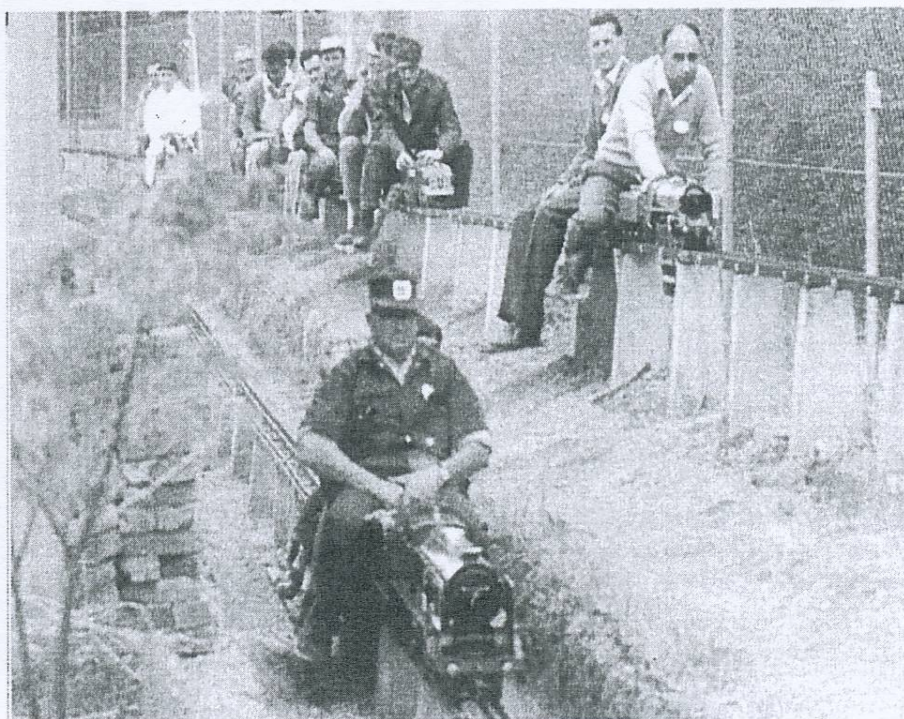
Completed forms should be placed in the plastic Expense Claim tray at the rear of the Club rooms.

Ian will pay on meeting night.

Christmas and New Year Wishes.

I would like to wish all members and their families a happy Christmas and successful modelling in the coming year. 2015 has been a good year for the Club and I hope 2016 will be as enjoyable.

John Foster Vice President.



SASMEE SHOW OF WORK, OCTOBER 2015 By the Editor.

The annual show of work always provides an evening of entertainment and enlightenment, and the 2015 show was one to remember. We had a showing of top class modelling. The following photos don't do justice to the exhibits but if anyone wants an original photo in colour, let me know.

The following members exhibited, with a brief description.

Ian Hand: Fabricated t/c grinder. Work in progress.

Josh Driscoll: H class Tram in HO gauge.

John Monteodorisio: Westinghouse steam pump.

Ralph Byles: Vertical boiler with a ceramic burner.

Alan Wallace: Loco boiler with formers plus a Boiler text book.

Simon Huntington: 3" d. launch boiler. Work in progress.

Bob Smith: Great Western loco plus a carriage partially completed

Dickers Family: Series of 71/4" g. diesel profile /electric powered locos.

Jeff Schaefer: 71/4" Bum truck + passenger kit. Fully air braked.

Michael Offler: Stern wheeler in Mississippi profile.

Michael Tingay: Powered chassis for a N830 loco.

Jack Soames: DNC carriage. 4 wheel bogies.

Jeff During: A flat twin ic engine. Open crankcase concept.

Bill Coles: 1/4" scale Aeronca. Flat twin ic engine. 20" prop.

I think it would be agreed that 3 presentations are worthy of further comment, based on the work involved and the final product.

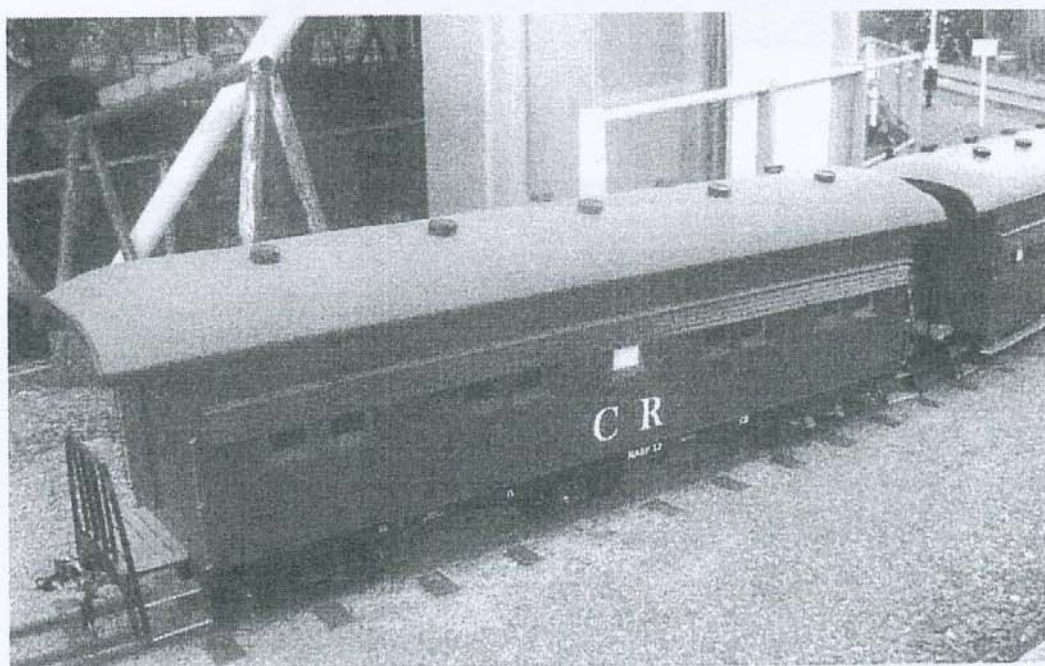
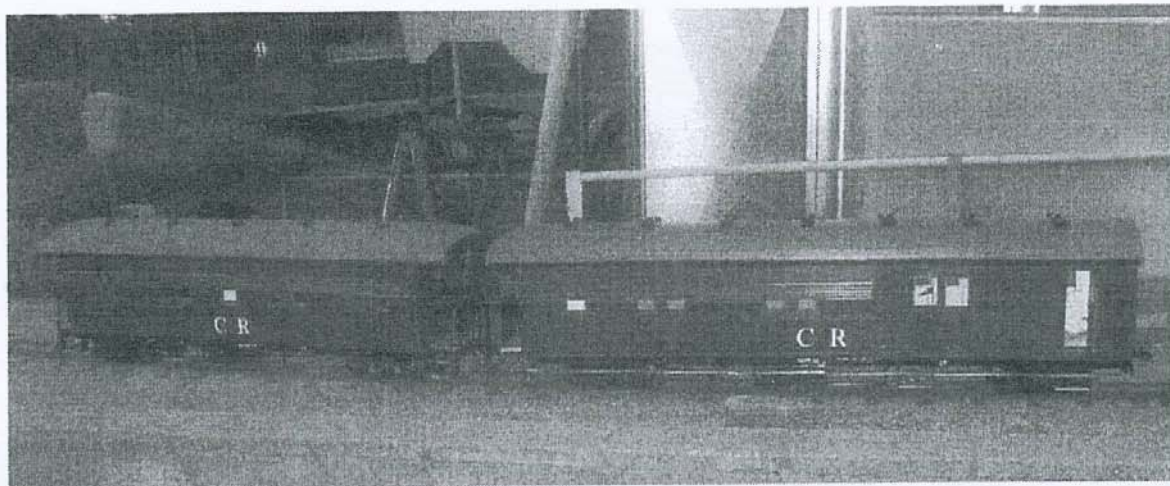
RO9 HMS CADIZ in 1:48th scale, a B Class type R Destroyer. Circa 1947.

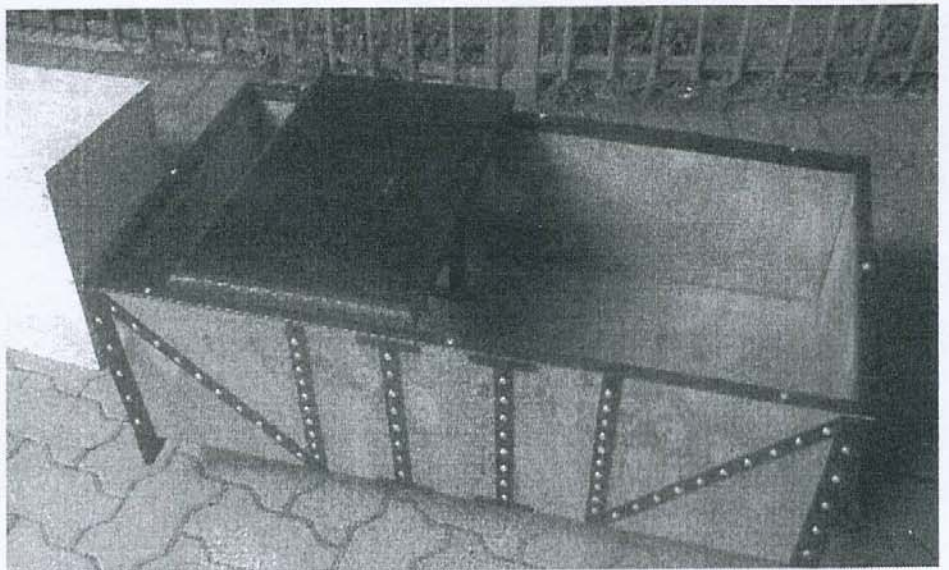
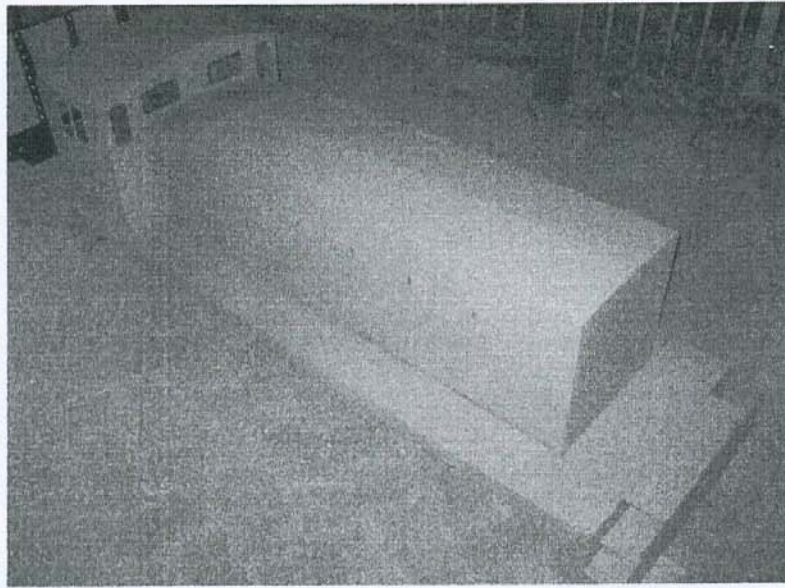
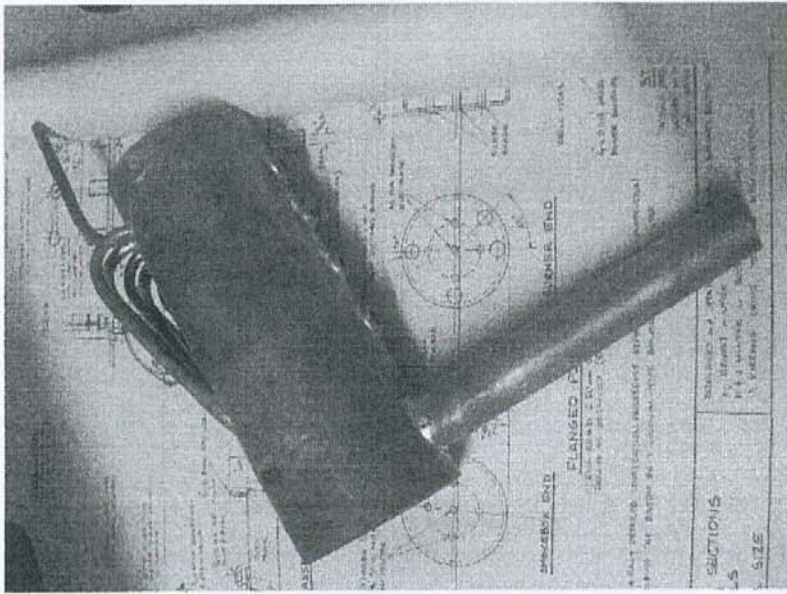
7 years and 10 months in the making. This project, by member **Alan Saunders** was a superbly detailed presentation. Trophy winning status.

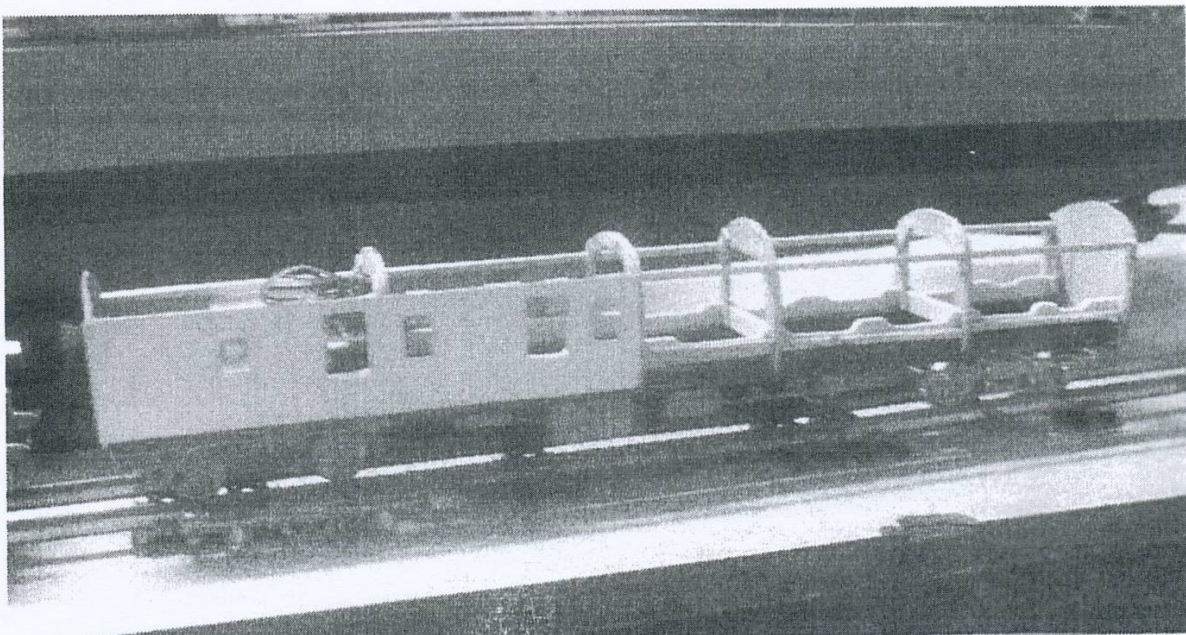
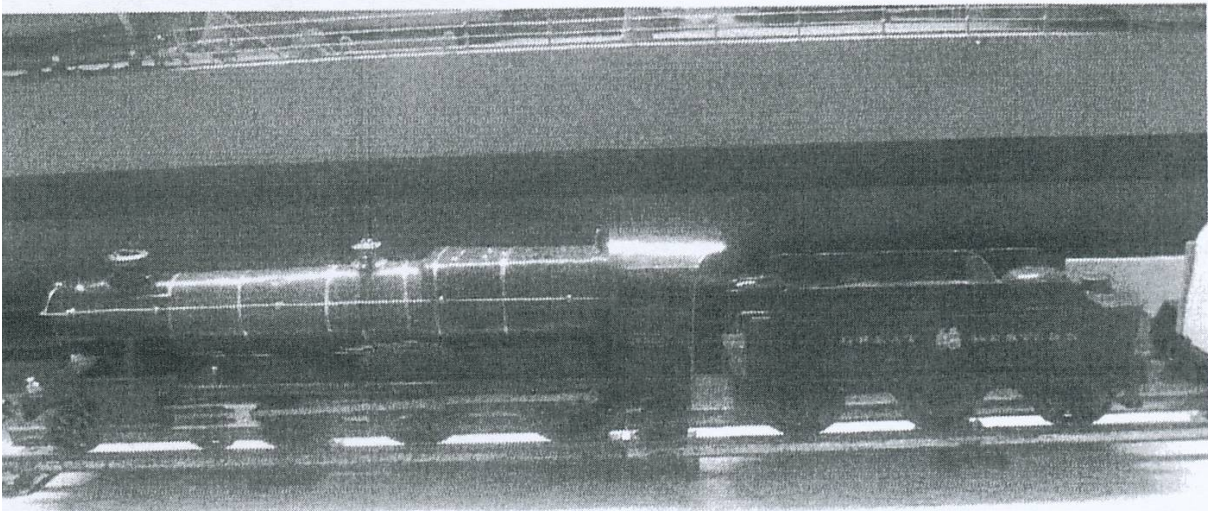
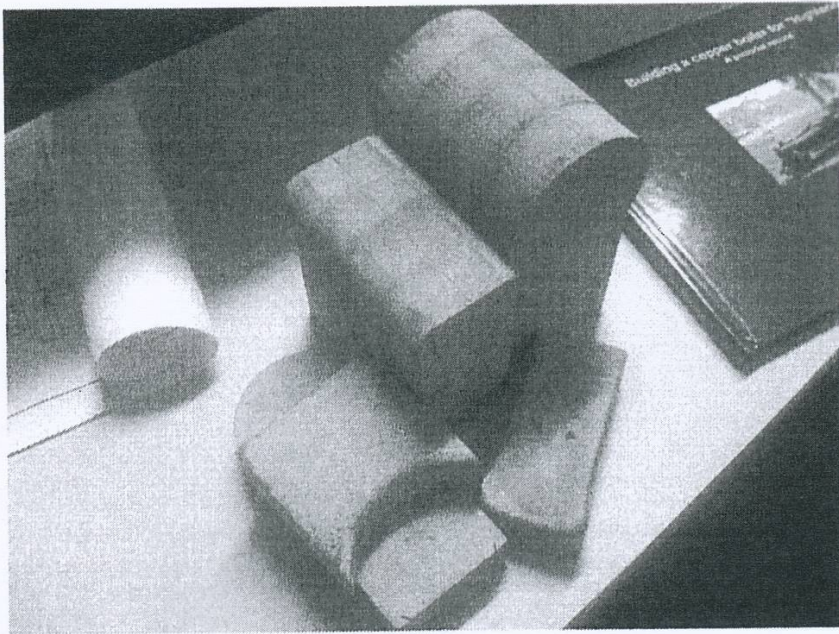
Trevor Morcom displayed his award winning 3" scale "Nelson" traction engine. Equal to the workmanship of the model was the most impressive out-fitted trailer, purpose built to safely carry such a project. Trevor has recently won the "Australian Model Engineering Traction Action Trophy."

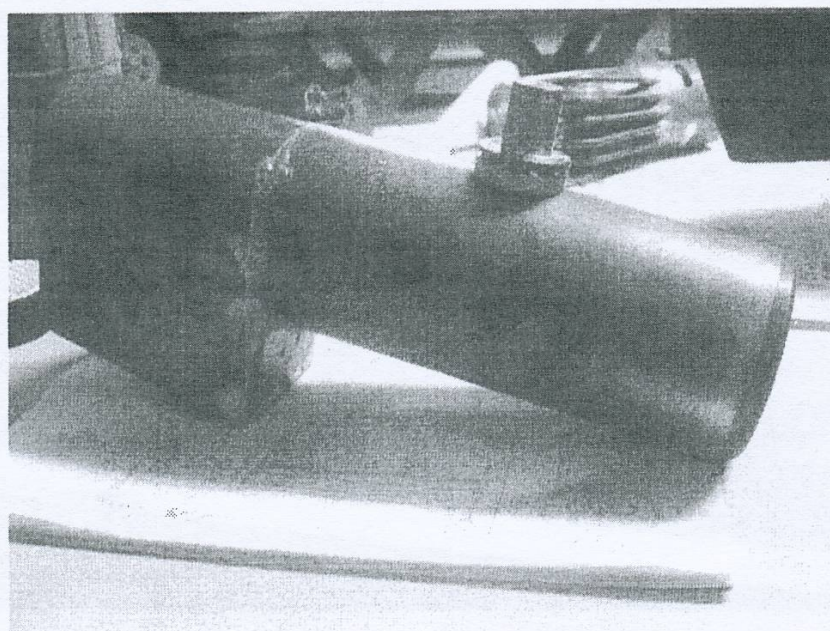
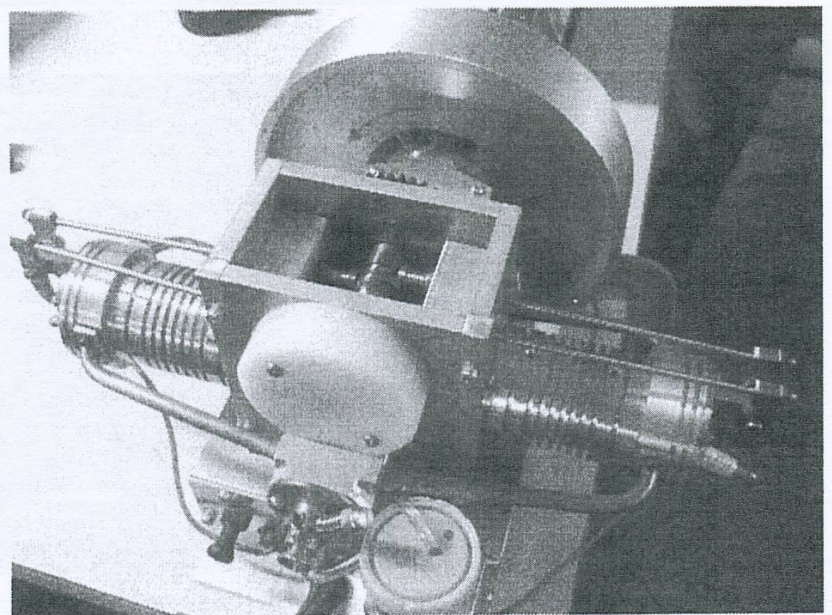
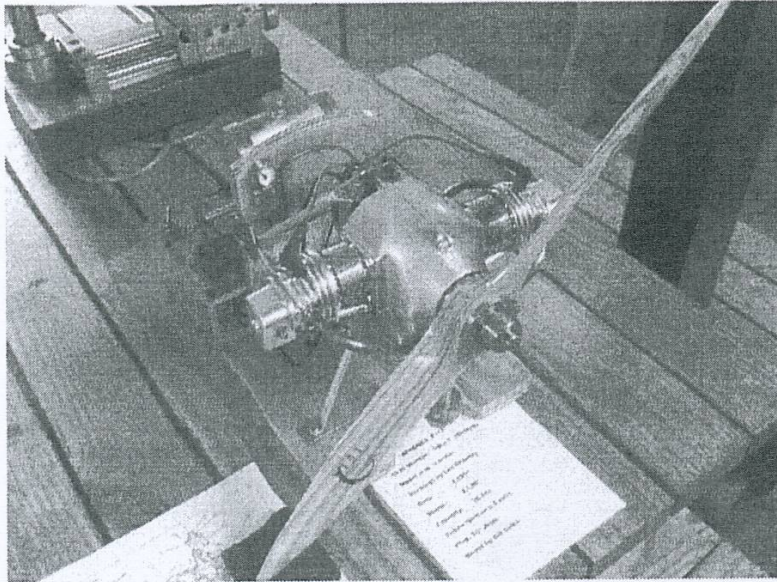
Placed on the club track for scale appreciation purposes were 2 carriages in 5" g. **Bryan Homanns`** finely detailed SAR railways models of a NABP CAR [pab] together with a NAR Relay [crew] were finely crafted, and with attention to authentic detailing were a credit to the builder.

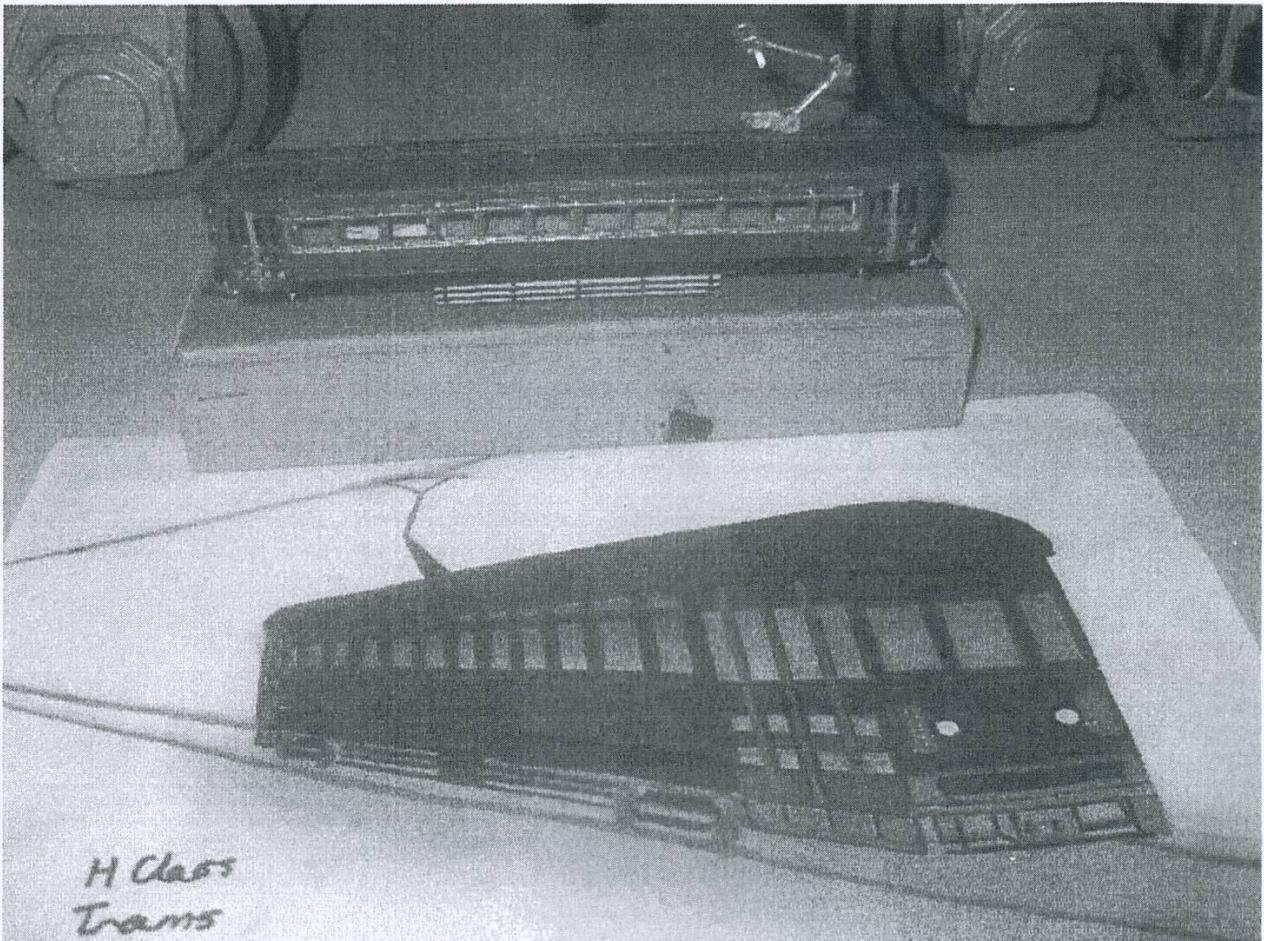
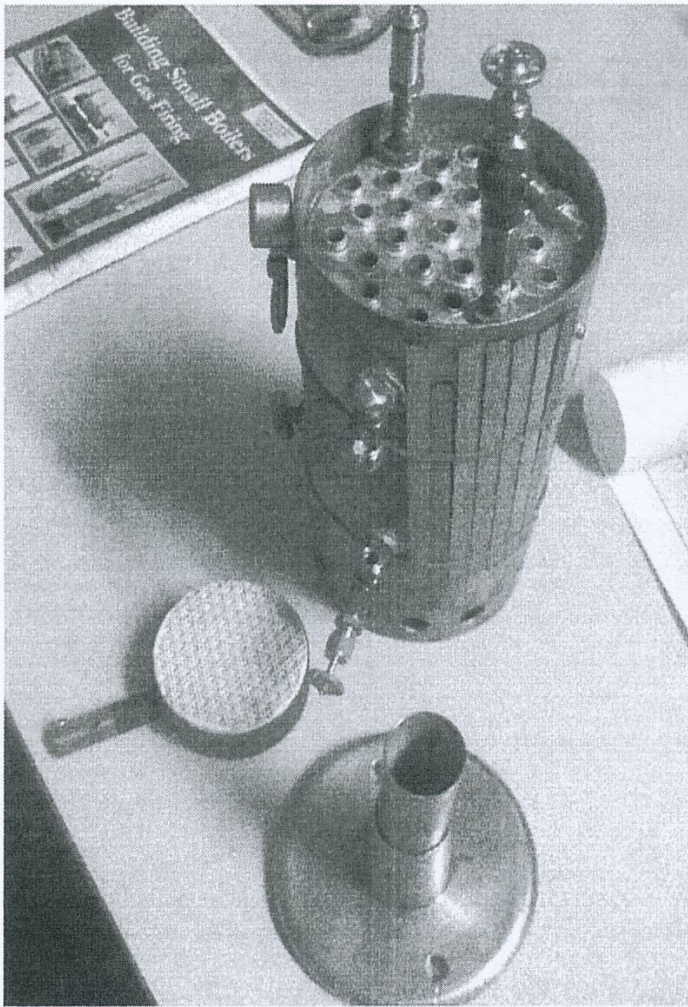
Any errors or omissions contact Bill Coles for future corrections.

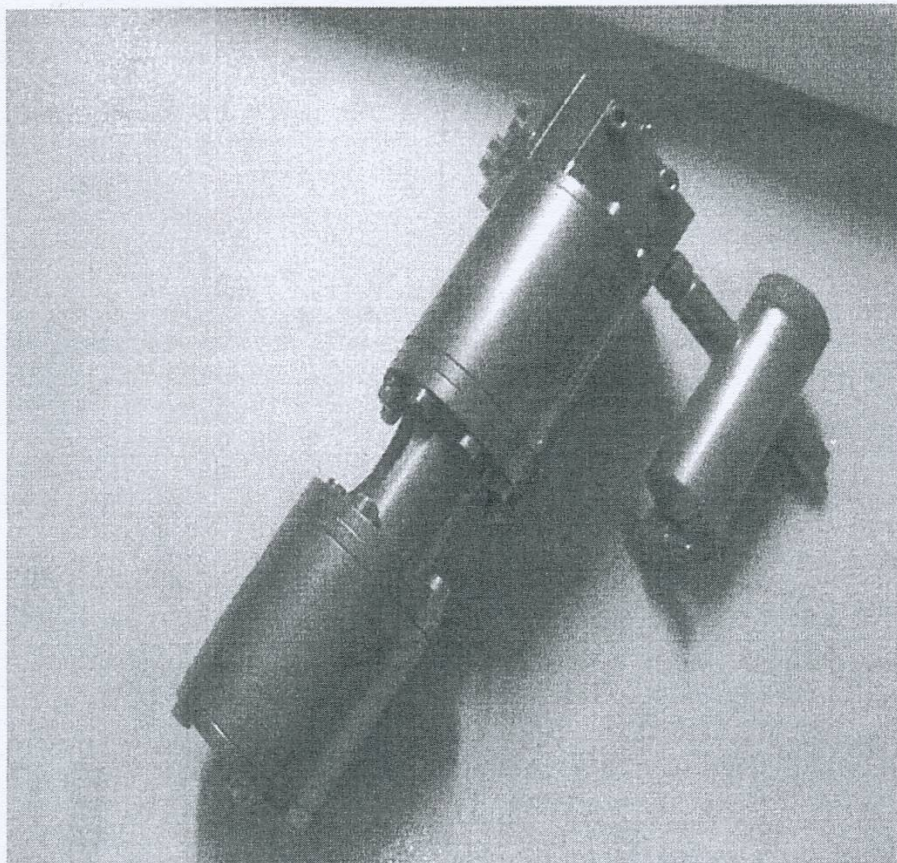
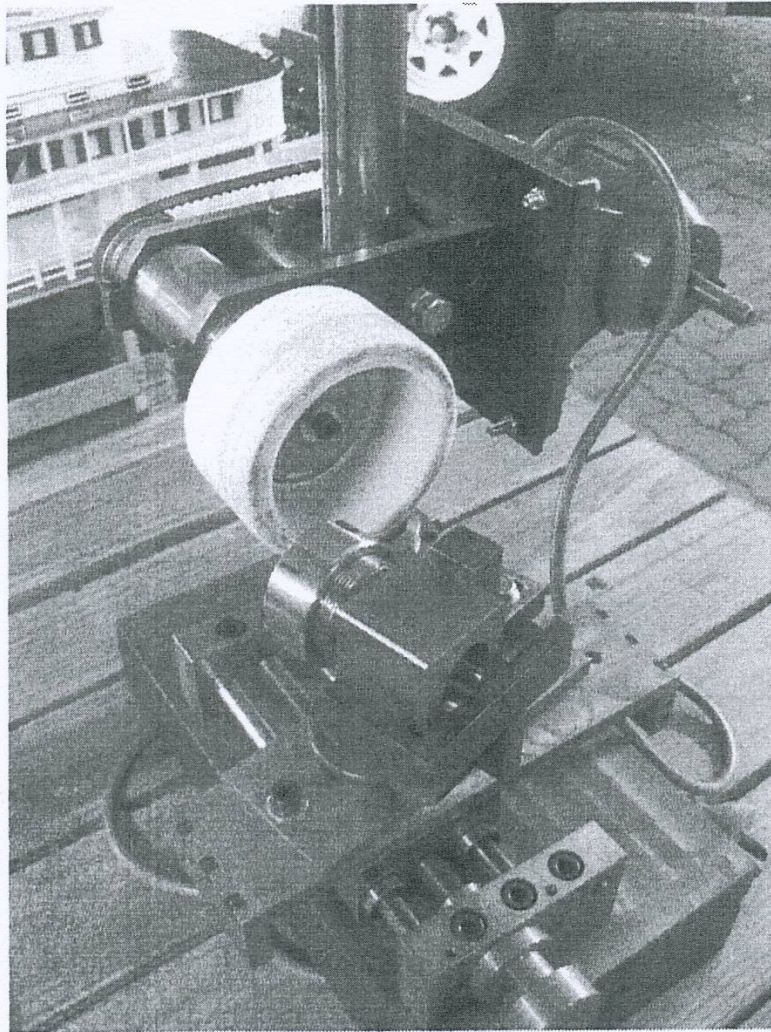


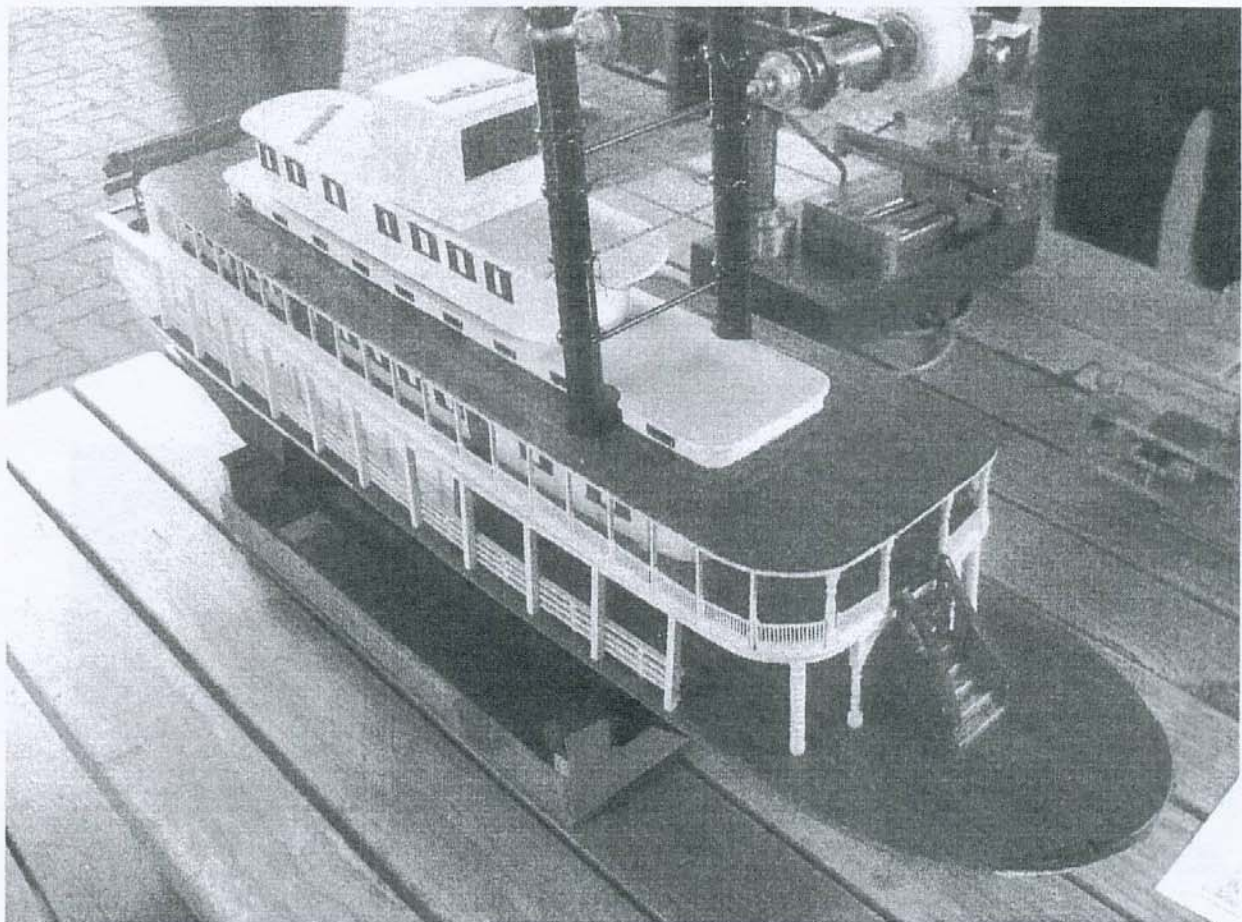


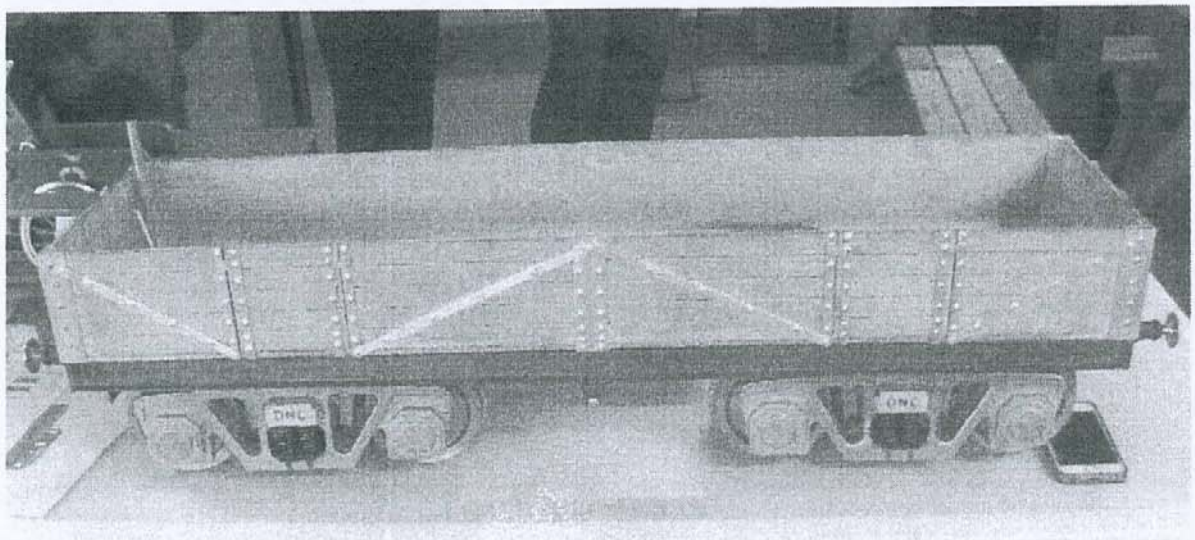
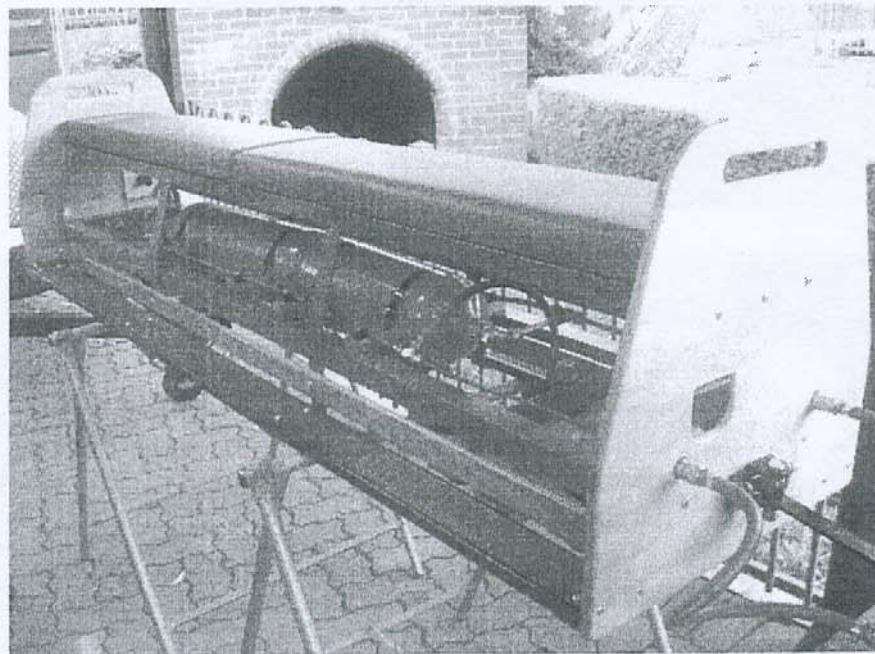


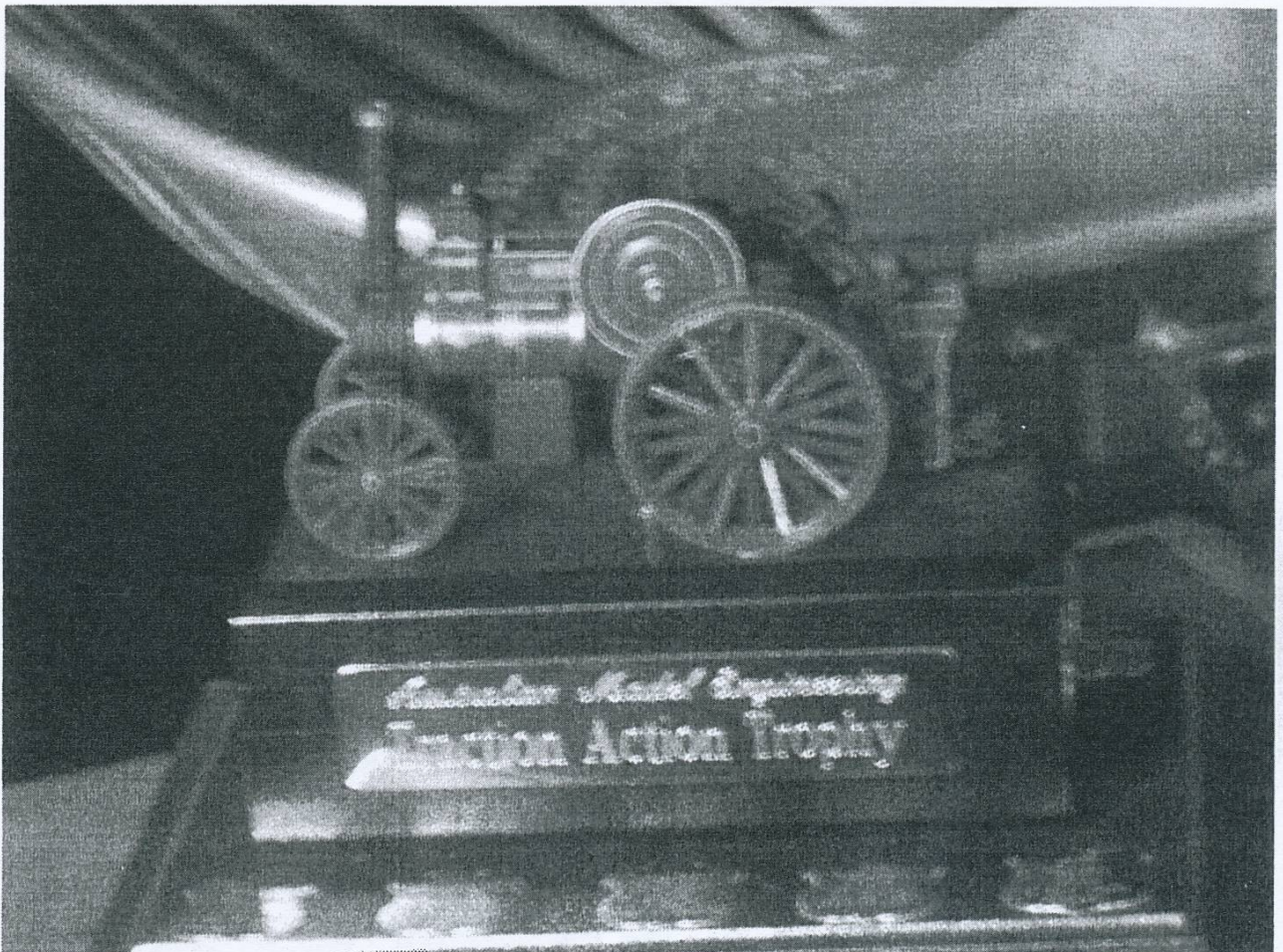
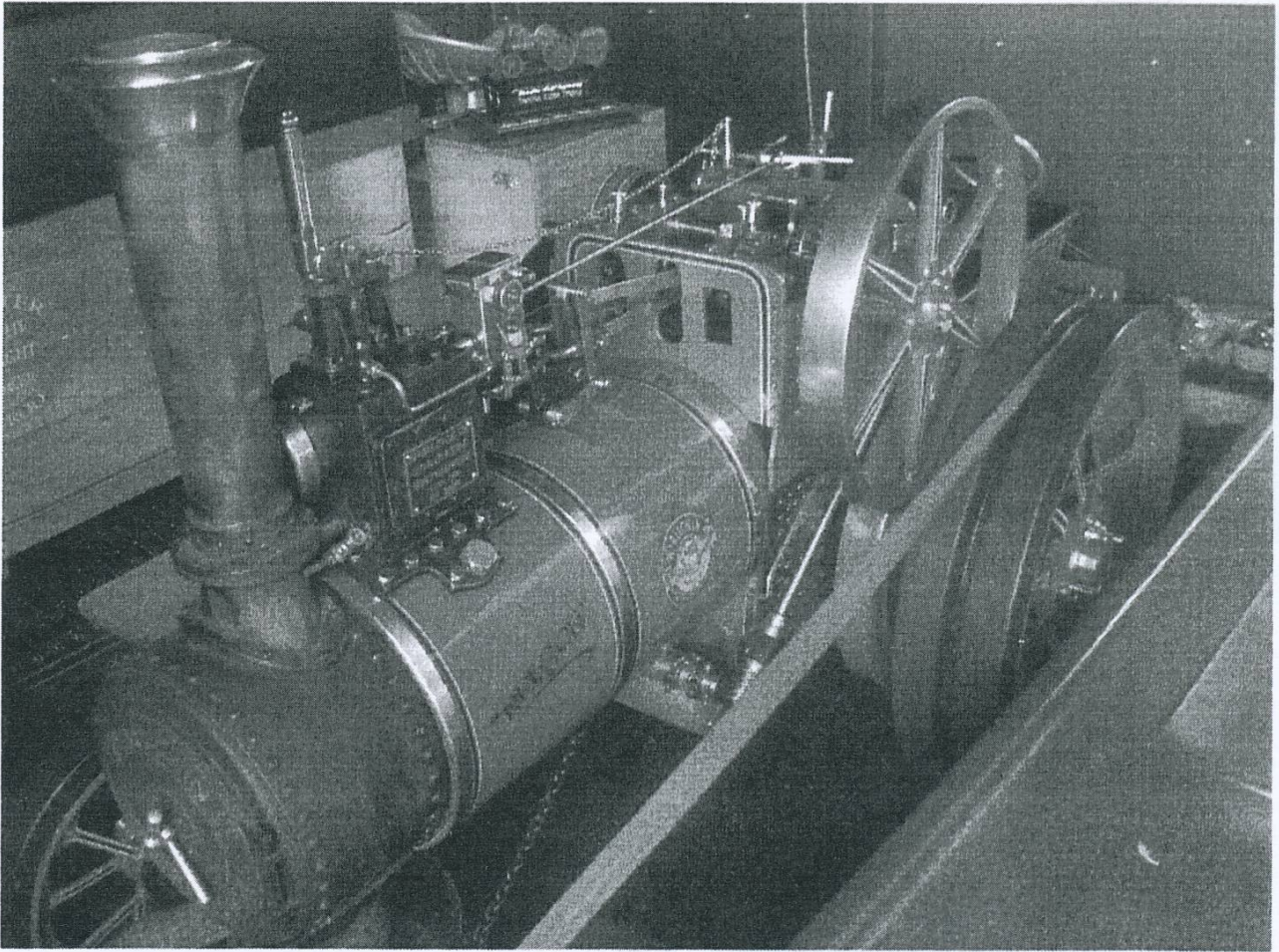


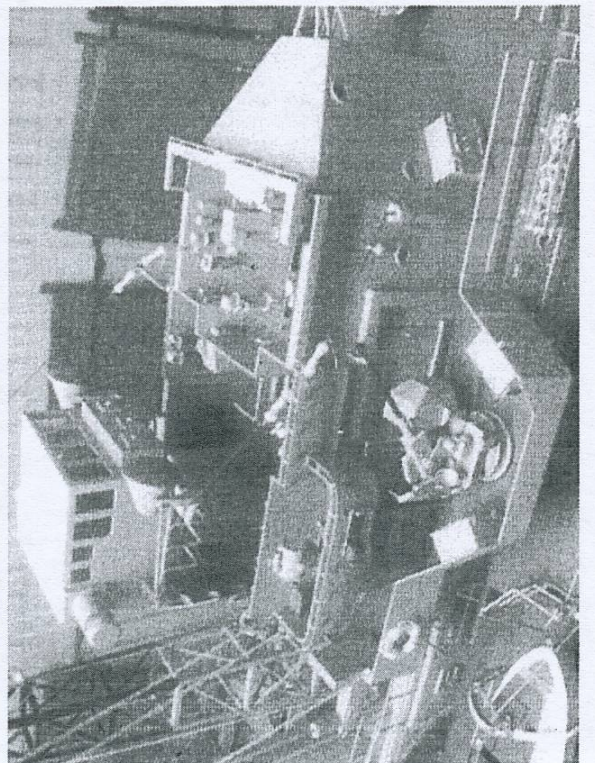
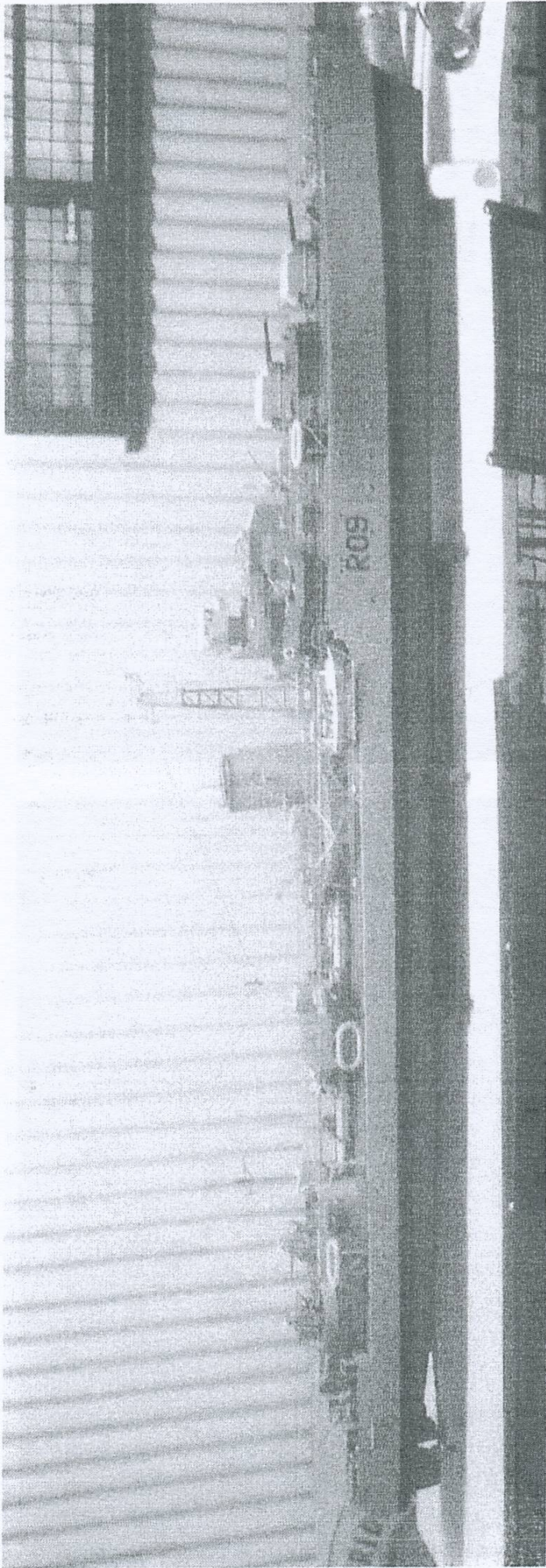












OTHER THINGS.

By the Editor.

I had decided that a knurled band around the brass petrol cap on my fuel tank would look quite smart. It was a straight knurl as previous experience using diamond knurls usually ended up looking terrible. Sometimes a good knurl? Usually pretty ordinary. In the case of the petrol cap, disgusting! So much so I machined the evidence off. I had never given a thought as to the definitive method of achieving a good knurl. Turns out there is much to learn, and the answer is that the pitch of the knurling tool must be divisible into the circumference of the work piece. The result being that the knurling tool will always match the previous set of indentations and so eliminate the "doubling" which usually wipes out the previous raised detents. Something like gear teeth rolling together.

One must know the pitch of your knurling tool. One way is to roll your knurling tool along a piece of paper, press hard, and count the marked lines. Divide the length of the marked lines by the number of lines. In my case it was 0.0471". This the circular pitch of the knurl. We need to know the diametrical pitch of the knurl, as in gear cutters. Divide $0.0471/3.1416$ [π]. Result is 0.015" This is the magic figure as the diameter of your blank must some multiple of it.

Example. We have a blank of 5/8"d. [0.625"] $0.625/0.015 = 41.666$. The remainder of 0.666 is the trouble maker. The knurling tool will want to cut out the previous cut.

We need to target for the 41. So, $41 \times 0.015 = 0.615$. By reducing the blank down to 0.615" we have a very good chance that the knurls will track into previous cuts.

As most knurling is for decoration purposes a variation in diameter is not noticeable.

I have found steel gives me a better knurl than brass which tends to flake. I brush the knurls to get rid of the flakes which get trapped between the work and tool. Don't rotate the work anymore than is necessary. Hope it works for you.

SASMEE OFFICE BEARERS AND COMMITTEE FOR THE PERIOD 2014 – 2015

President: John Monteodorisio 0409838494 or 8276 4675

Vice President: John Foster. 0419810478 or 8336 3119

Secretary: Ian Foster. 8381 3030

Minute Secretary: David Hawkins. 8371 1350

Accounts. Mary Homann

Committee:

John Beal. 8297 2314

Michael Offler. 8276 2360

Trevor Hill. 8337 9057

Boiler Inspectors:

Bryan Homann. 8390 1925

John Monteodorisio. 8276 4675

Canteen Management:

John & Jackie Monteodorisio.

Library:

John Davey & Bill Coles.

Auditors: Michael Moyse, Graham Gaetjens.

Patron: Lachlan Cline, Mayor of Unley City.

Vice Patron: Bernie Dickinson. BA CPEng. FIE Aust. FI Mar. EST.

SASMEE Bulletin: Editor, Bill Coles, 8296 2167,

Email, bjhove@internode.on.net

SASMEE Postal Address, PO Box, 208 Goodwood. SA 5034